INDUSTRIAL COMPONENT DATA

SPE-T1-M12FSF-180-SMD 1363344 PHOENIX CONTACT Connectors for SPE printed circuit board, design: SPE, protect..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-M12FSF-180-SMD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPE-T1-M12FSF-180-SMD
Catalog number	1363344
Category	Printed circuit board connector
Minimum order	80 Pcs
Document ID	EO-B443771A51
Generated	2026-11-19

Product Overview

Connectors for SPE printed circuit board, design: SPE, protection index: IP65/IP67, number of poles: 2, material: LCP, connection type: SMD, cable outlet: straight, color: black, Single Pair Ethernet
SPE PCB Connectors, Construction: SPE, Protection Rating: IP65/IP67, Number of Poles: 2, Material: TPU, Connection Type: SMD, Cable Output: Straight, Color: Black, Single Pair Ethernet
SPE PCB connector, design: SPE, degree of protection: IP65/IP67, number of positions: 2, material: LCP, connection method: SMD, cable outlet: straight, color: black, Single Pair Ethernet

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Technical dataProduct propertiesType SPE
Product type Data connector (device side)
Sensor type Single Pair Ethernet
Number of positions 2
Type of packaging Tape and Reel
[W] tape width 44.00 mm
[A] coil diameter 330.00 mm
[W2] coil overall dimension 38.40 mm

Number of slots 1
Cable outlet straight
Thread type M12
Insulation characteristics
Overvoltage category II
Degree of pollution 2
Electrical propertiesMaximum load current 4 A
Rated surge voltage 500 V
Rated current 4 A
Insulation resistance min. 1 T?
Contact resistance 20 m?
Transmission medium Copper
Transmission characteristics (category) CAT B
Transmission speed 1 Gbps
Power transmission PoDL
Output dataTransmission frequency 600.00 MHz
Connection dataConnection technology
Connection method SMD
DimensionsWidth 12.1 mm
Height 16.2 mm
Length 15.3 mm
Installed height 21.60 mm
Orientation to 180.00 °
Material specificationsColor black
Color of the housing part black
Flammability rating according to UL 94 V0
Housing surface material LCP
Contact material Cu alloy
Contact surface material Au/Ni
Housing material LCP
Cable/lineTest voltage Core/Core 1000 V DC
Test voltage Core/Shield 2250 V DC
Test voltage, cable 300 V
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
Insertion force per signal contact < 30.00 N (in accordance with IEC 63171)
Extraction force per signal contact < 30 N (in accordance with IEC 63171)
Smallest bending radius 21,2 mm
Environmental and real-life conditionsTest specification
Typ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPE-T1-M12FSF-180-SMD with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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